

INTERNATIONAL SEARCH REPORT

PCT/GB2004/001251

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G02B6/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	LITCHINITSER N M ET AL: "ANTIRESONANT REFLECTING PHOTONIC CRYSTAL OPTICAL WAVEGUIDES" OPTICS LETTERS, OPTICAL SOCIETY OF AMERICA, WASHINGTON, US, vol. 27, no. 18, 15 September 2002 (2002-09-15), pages 1592-1594, XP001161774 ISSN: 0146-9592 cited in the application page 1592 page 1594; figure 4	1-9, 48, 49
Y	----- -/-	10-45, 51

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents:

- *'A' document defining the general state of the art which is not considered to be of particular relevance
- *'E' earlier document but published on or after the international filing date
- *'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other reason (as specified)
- *'O' document referring to an oral disclosure, use, exhibition or other means
- *'P' document published prior to the international filing date but later than the priority date claimed

- *'T' later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *& document member of the same patent family

Date of the actual completion of the international search

8 July 2004

Date of mailing of the international search report

03/08/2004

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INTERNATIONAL SEARCH REPORT

PCT/GB2004/001251

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99/64903 A (BARKOU STIG EIGIL ; BJARKLEV ANDERS OVERGAARD (DK); BROENG JES (DK)) 16 December 1999 (1999-12-16) page 22, line 27 - page 25, line 28; figure 4 figures 16-18 -----	50
Y	-----	10-45,51
X	WO 02/075392 A (CORNING INC) 26 September 2002 (2002-09-26) cited in the application page 12, line 6 - line 7; figure 9 -----	47,50
X	WHITE T P ET AL: "Resonance and scattering in microstructured optical fibers" OPT. LETT. (USA), OPTICS LETTERS, 15 NOV. 2002, OPT. SOC. AMERICA, USA, vol. 27, no. 22, 15 November 2002 (2002-11-15), pages 1977-1979, XP002287513 ISSN: 0146-9592 page 1977 page 1979 -----	50

INTERNATIONAL SEARCH REPORT

PCT/GB2004/001251

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: 46 because they relate to subject matter not required to be searched by this Authority, namely:

The subject matter of claim 46 relates to presentation of information, which the International Searching Authority is not required to search, in application of Article 17(2)(a) PCT and Rule 39.1(v) PCT.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

PCT/GB2004/001251

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
WO 9964903	A	16-12-1999	AT 268482 T AT 266214 T AU 755223 B2 AU 3026099 A AU 755547 B2 AU 3810699 A CA 2334510 A1 CA 2334554 A1 DE 69917022 D1 DE 69917776 D1 WO 9964904 A1 WO 9964903 A1 EP 1086393 A1 EP 1086391 A1 JP 2002517793 T JP 2002517794 T NZ 509201 A US 6539155 B1	15-06-2004 15-05-2004 05-12-2002 30-12-1999 12-12-2002 30-12-1999 16-12-1999 16-12-1999 09-06-2004 08-07-2004 16-12-1999 16-12-1999 28-03-2001 28-03-2001 18-06-2002 18-06-2002 26-11-2002 25-03-2003
WO 02075392	A	26-09-2002	EP 1370893 A2 TW 539875 B WO 02075392 A2 US 2002136516 A1 US 2004105645 A1	17-12-2003 01-07-2003 26-09-2002 26-09-2002 03-06-2004